

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A high frequency transmission line comprising:
a first high frequency transmission line having a signal line, a width of an edge portion thereof being ~~different from~~ less than a width of another portion thereof; and
a second high frequency transmission line different from said first high frequency transmission line, having a signal line which is connected to the edge portion of said signal line of the first high frequency transmission line through a plurality of conductors provided to connect said edge portion of said first high frequency transmission line to said edge portion of said second high frequency transmission line.

Claim 2 (Currently Amended): A high frequency transmission line as claimed in claim 1, wherein said first and second high frequency transmission lines own the signal lines in different layers of a dielectric substrate respectively; and

the edge portion of the signal line of said first high frequency transmission line is arranged to overlap with the signal line of said second high frequency transmission line; ~~and~~
~~a connection conductor is provided to connect said edge portion of said first high frequency transmission line to said edge portion of said second high frequency transmission line.~~

Claim 3 (Currently Amended): A high frequency transmission line as claimed in claim [[2]] 1, wherein said edge portion of the second high frequency transmission line has a width which is different from a width of another portion thereof.

Claim 4 (Currently Amended): A high frequency transmission line as claimed in claim [[2]] 1, further comprising a conductor for shortening a distance between a ground conductor and said signal line of said first high frequency transmission line.

Claim 5 (Currently Amended): A high frequency transmission line comprising:

a first high frequency transmission line having a signal line in a layer of a dielectric substrate;

a second high frequency transmission line having a signal line in a different layer of a dielectric substrate;

a third signal line which is provided in a layer between said first signal line of said first high frequency transmission line and said second signal line of said second high frequency transmission line, and which is formed in such a manner that one edge of said third signal line is overlapped with said first signal line and another edge thereof is overlapped with said second signal line;

a first connection conductor for connecting said first signal line to said one edge of said third signal line; and

a second connection conductor for connecting said second signal line to said another edge of said third signal line, wherein an edge portion of said first signal line connected to said first connection conductor owns a line width less than a line width of another portion thereof,

wherein a width of said third signal line is set between said first signal line and said second signal line.

Claim 6 (Currently Amended): A high-frequency transmission line as claimed in claim 5, wherein an edge portion of said first signal line connected to said first connection conductor owns a line width ~~different from~~ less than a line width of another portion thereof.

Claim 7 (Currently Amended): A high frequency transmission line as claimed in claim [[6]] 5, wherein an edge portion of said second signal line connected to said second connection conductor owns a line width different from a line width of another portion thereof.

Claim 8 (Canceled).

Claim 9 (Original): A high frequency transmission line as claimed in claim 5 wherein said third signal line is arranged in a step form in such a manner that one edge of said third signal line is overlapped with a line of an upper layer and another edge of said third signal line is overlapped with a line of a lower layer, and owns at least one, or more lines, the overlapped portions of which are connected to each other; a line width of a partial line within said lines is defined between a width of said first signal line and a width of said second signal line; and the line width is changed in a step manner among the lines.

Claim 10 (Original): A high frequency transmission line as claimed in claim 5, further comprising: a conductor for shortening a distance between said first signal line and a ground conductor.

Claim 11 (Canceled):

Claim 12 (Currently Amended): A high frequency board for conducting a high frequency signal to a high frequency circuit via a high frequency transmission line which contains a first high frequency line and a second high frequency line different from said first high frequency line, wherein the high frequency transmission line comprises:

a first high frequency transmission line having a signal line, a width of an edge portion thereof being ~~different from~~ less than a width of another portion thereof; and

a second high frequency transmission line different from said first high frequency transmission line, having a signal line which is connected to the edge portion of said signal line of the first high frequency transmission line through a plurality of conductors provided to connect said edge portion of said first high frequency transmission line to said edge portion of said second high frequency transmission line.

Claim 13 (Previously Presented): A high frequency board as claimed in claim 12, wherein said first and second high frequency transmission lines own the signal lines in different layers of a dielectric substrate respectively;

the edge portion of the signal line of said first high frequency transmission line is arranged to overlap with the signal line of said second high frequency transmission line; and

a connection conductor is provided to connect said edge portion of said first high frequency transmission line to said edge portion of said second high frequency transmission line.

Claim 14 (Currently Amended): A high frequency board which conducts a high frequency signal to a high frequency circuit via a high frequency transmission line containing signal lines in different layers of a dielectric substrate, wherein the high frequency transmission line comprising:

a first high frequency transmission line having a signal line ~~in a layer on a surface~~ of a dielectric substrate;

a second high frequency transmission line having a signal line in a ~~different layer of a layer of the~~ dielectric substrate;

a third signal line which is provided in a layer between said first signal line of said first high frequency transmission line and said second signal line of said second high frequency transmission line, and which is formed in such a manner that one edge of said third signal line is overlapped with said first signal line and another edge thereof is overlapped with said second signal line;

a first connection conductor for connecting said first signal line to said one edge of said third signal line; and

a second connection conductor for connecting said second signal line to said another edge of said third signal line,

wherein a width of said third signal line is set between said first signal line and said second signal line.

Claim 15 (Canceled).

Claim 16 (New): A high frequency transmission line as claimed in claim 5, including a plurality of the first connection conductors and a plurality of the second connection conductors.

Claim 17 (New): A high frequency transmission line as claimed in claim 14, including a plurality of the first connection conductors and a plurality of the second connection conductors.

Claim 18 (New): A high frequency transmission line comprising:

a first high frequency transmission line having a signal line on a surface of a dielectric substrate;

a second high frequency transmission line having a signal line in a layer of the dielectric substrate, an edge portion being overlapped with said signal line of said first high frequency transmission line;

a connection conductor for connecting said signal line of said first high frequency transmission line to said edge portion of said second high frequency transmission line,

wherein said edge portion of said second high frequency transmission line owns a line width wider than a line width of another portion thereof.

Claim 19 (New): A high frequency transmission line as claimed in claim 18, wherein said signal line of said first high frequency transmission line is connected by a plurality of connection conductors to said edge portion of said second high frequency transmission line.